

Date: Friday, 23/01/2009 8:44:02 AM
 User: Julie Dawson

Process Sheet

Customer : CU-DAR001 Dart Helicopters Services Drawing Name : OH-58 SKIDTUBE
 Job Number : 45124
 Estimate Number : 11650
 P.O. Number :
 This Issue : 23/01/2009 S.O. No. :
 Prsht Rev. : NC
 First Issue : / / Type : SKIDTUBES
 Previous Run : 37714
 Part Number : D058672012
 Drawing Number : N/A
 Project Number : N/A
 Drawing Revision : N/A
 Material :
 Due Date : 10/02/2009 Qty: 1 Um: Each
 Written By :
 Checked & Approved By : JD 09.01.23
 Comment : Est Rev:G 02.06.27 Re-format; CHG002 (MPP 2251); ECN 258 K
 J
 Est Rev:H 07-03-08 As per IIN D058-672 Rev C jlm

Additional Product

Job Number:



Seq. #: Machine Or Operation: Description :

1.0 DC DOCUMENT CONTROL



JD 09/02/14



Comment: DOCUMENT CONTROL

Photo Copy Blue files and Type Labels as per PPP D058-672-012 CHG002 per ECN 09.527

2.0 45124A OH-58 SKIDTUBE ASSEMBLY



Comment: Sub-Component 1 x D058-672-041 Batch: 45124

SS 09/02/12 (X)

3.0 PACKAGING 1 PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Pick Packing Kit

4.0 D29332 Saddle RH In, 206



Comment: Qty.: 2.0000 Each(s)/Unit Total: 2.0000 Each(s)

Pick: Packing Kit

Qty Part Number Description Batch
 2 D2933-2 Saddle 41129

SS 09/02/12 (X)

5.0 D29322 Saddle RH Out, 206



Comment: Qty.: 2.0000 Each(s)/Unit Total: 2.0000 Each(s)

Pick: Packing Kit

Qty Part Number Description Batch
 2 D2932-2 Saddle 41440

SS 09/02/12 (X)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

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Job Number: 45124

Part Number: D058672012

Job Number:



Seq. #:

Machine Or Operation:

Description :

6.0

D2934

Saddle Spacer



Comment: Qty.: 2.0000 Each(s)/Unit Total : 2.0000 Each(s)

Pick: Packing Kit

Qty Part Number

Description

Batch

2 D2934

Saddle Spacer

44290

SS 09/02/12 (X)

7.0

D2935

Saddle Spacer



Comment: Qty.: 2.0000 Each(s)/Unit Total : 2.0000 Each(s)

Pick: Packing Kit

Qty Part Number

Description

Batch

2 D2935

Saddle Spacer

43404

SS 09/02/12 (X)

8.0

AN341A

Bolt



Comment: Qty.: 8.0000 Each(s)/Unit Total : 8.0000 Each(s)

Pick: Packing Kit

Qty Part Number

Description

Batch

8 AN3-41A

Bolt

M110407

SS 09/02/12 (X)

9.0

D2652

Bushing



Comment: Qty.: 16.0000 Each(s)/Unit Total : 16.0000 Each(s)

Pick: Packing Kit

Qty Part Number

Description

Batch

16 D2652

Bushing

B44278

SS 09/02/12 (X)

10.0

AN960JD10

Washer



Comment: Qty.: 8.0000 Each(s)/Unit Total : 8.0000 Each(s)

Pick: Packing Kit

Qty Part Number

Description

Batch

8 AN960JD10

Washer

M110139

SS 09/02/12 (X)

11.0

MS21042L3

Nut



Comment: Qty.: 8.0000 Each(s)/Unit Total : 8.0000 Each(s)

Pick: Packing Kit

Qty Part Number

Description

Batch

8 MS21042L3

Nut (or -3)

M109798

SS 09/02/11 (X)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

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Process Sheet

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Drawing Name: OH-58 SKIDTUBE

Job Number: 45124

Part Number: D058672012

Job Number:



Seq. #:

Machine Or Operation:

Description :

12.0

AN510A

Bolt



Comment: Qty.: 4.0000 Each(s)/Unit Total : 4.0000 Each(s)

Pick: Packing Kit

Qty Part Number

Description

Batch

4 AN5-10A

Bolt

M169752

SS 09/02/11 (X)

13.0

AN512A

Bolt



Comment: Qty.: 4.0000 Each(s)/Unit Total : 4.0000 Each(s)

Pick: Packing Kit

Qty Part Number

Description

Batch

4 AN5-12A

Bolt

M104936

SS 09/02/11 (X)

14.0

AN960JD516

Washer



Comment: Qty.: 8.0000 Each(s)/Unit Total : 8.0000 Each(s)

Pick: Packing Kit

Qty Part Number

Description

Batch

8 AN960JD516

Washer

M16363

SS 09/02/11 (X)

15.0

AN46A

Bolt



Comment: Qty.: 12.0000 Each(s)/Unit Total : 12.0000 Each(s)

Pick: Packing Kit

Qty Part Number

Description

Batch

12 AN4-6A

Bolt

M109545

SS 09/02/11 (X)

16.0

AN960JD416

Washer



Comment: Qty.: 24.0000 Each(s)/Unit Total : 24.0000 Each(s)

Pick: Packing Kit

Qty Part Number

Description

Batch

24 AN960JD416

Washer

M16523

SS 09/02/11 (X)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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Job Number: 45124

Part Number: D058672012

Job Number:



Seq. #: Machine Or Operation: Description :

17.0 MS21042L4 Nut



Comment: Qty.: 12.0000 Each(s)/Unit Total: 12.0000 Each(s)

Pick: Packing Kit

Qty Part Number Description Batch
12 MS21042L4 Nut (or -4) M101202

18.0 D2712 Set Screw



Comment: Qty.: 10.0000 Each(s)/Unit Total: 10.0000 Each(s)

Pick: Packing Kit

Qty Part Number Description Batch
10 D2712 Set Screw 45247

19.0 D2968043 Tow Ring



Comment: Qty.: 1.0000 Each(s)/Unit Total: 1.0000 Each(s)

Pick: Packing Kit

Qty Part Number Description Batch
1 D2968-043 Tow Ring B-43308

20.0 AN960JD1016 Washer



Comment: Qty.: 1.0000 Each(s)/Unit Total: 1.0000 Each(s)

Washer

Batch: 5519

21.0 AN9704 Washer



Comment: Qty.: 1.0000 Each(s)/Unit Total: 1.0000 Each(s)

Pick: Packing Kit

Qty Part Number Description Batch
1 AN970-4 Washer 110704

22.0 MS21042L4 Nut



Comment: Qty.: 1.0000 Each(s)/Unit Total: 1.0000 Each(s)

USE MS21042L4

Batch: 110023

19a. 1 x D3456-1 B 43002
19b. 2 x D3457-1 B 44603
19c. 1 x MS21043-4 B 110023

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

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Job Number: 45124

Part Number: D058672012

Job Number:



Seq. #:

Machine Or Operation:

Description :

23.0

D058672043

Ground Handling, OH-58



Comment: Qty.: 1.0000 Each(s)/Unit Total : 1.0000 Each(s)

GROUND HANDLING KIT

BATCH: 38529

24.0

QC4

INSPECT 100% KITS FOR COMPLETENESS



Comment: INSPECT 100% KITS FOR COMPLETENESS

25.0

PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Identify and pack for shipping as per PPP D058-672-012

Location: 82

PPP Rev: 9/2/23

26.0

QC21

FINAL INSPECTION/W/O RELEASE



Comment: FINAL INSPECTION/W/O RELEASE

Job Completion



609.2.23

DART		TEL.: 1-613-632-3336 FAX: 1-613-632-4443	
TRANSPORT CANADA APPROVAL # 09-89		CHG	CHG003
P/N	D058-672-012	STC	
DESC	Skidtube	STC	SR00912SE
LOT	B45124	STC	
MODEL	OH-58A/A+/C		
US PATENT # 5735484 CANADA FOREIGN PATENTS PENDING			
MADE IN CANADA			

45124A

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

DART SERVICE INSTRUCTION

**TO AMEND INSTALLATION INSTRUCTIONS IIN-D058-672 REV. C AND
INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D058-672 REV. 1
REF. FAA STC: SR00912SE**

FOR D058-672-011/-012/-013/-014 SKID TUBES @ CHANGE 004 AND SUBSEQUENT, THE D2707-043 OR D2968-043 TOW RING HAS BEEN REPLACED WITH D3407-043 TOW RING ASSEMBLY.

AMEND THE PARTS LIST IN SECTION 5.0 OF INSTALLATION INSTRUCTIONS IIN-D058-672 REV. C AND SECTION 32.9 OF THE INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D058-672 REV. 1 AS FOLLOWS:

5.0 PARTS LIST (IIN-D058-672)

32.9 PARTS LIST (ICA-D058-672)

ITEM	672 -011	672 -012	672 -013	672 -014	672 -041	672 -043	PART NUMBER	DESCRIPTION
	X						D058-672-011	SKIDTUBE INSTALLATION, LH
		X					D058-672-012	SKIDTUBE INSTALLATION, RH
			X				D058-672-013	SKIDTUBE INSTALLATION, LH
				X			D058-672-014	SKIDTUBE INSTALLATION, RH
	1	1	1	1	X		D058-672-041	REPLACEMENT SKIDTUBE
	1	1	1	1		X	D058-672-043	GROUND HANDLING KIT

IS:

40	1	1	1	1			D3407-043	TOW RING ASSEMBLY
41	1	1	1	1			D3456-1	WASHER
42	2	2	2	2			D3457-1	WASHER
43	1	1	1	1			MS21043-4	NUT

WAS:

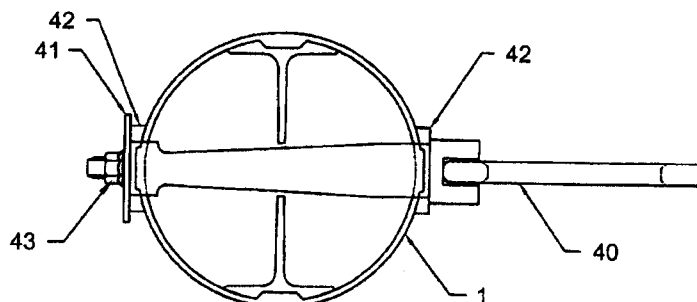
40	1	1	1	1			D2707-043 (OR D2968-043)	TOW RING
41	1	1	1	1			AN960JD1016	WASHER
42	1	1	1	1			AN970-4	WASHER
43	1	1	1	1			MS21042-4	NUT (OR MS21042L4)

45124

A	NEW ISSUE	AJS	08.09.11
REV.	DESCRIPTION	BY	DATE
DESIGN	AJS	DART AEROSPACE USA, INC PORT HADLOCK, WA	
DRAWN	AJS		
CHECKED	RE	DRAWING NO. REV. A DSI 9422 SHEET 1 OF 2	
MFG. APPR.	N/A		
APPROVED	<i>[Signature]</i>	TITLE SCALE TOW RING CHANGE NTS	
DE APPR.	<i>[Signature]</i>		
DATE	08.09.11	COPYRIGHT © 2008 BY DART AEROSPACE USA, INC THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.	

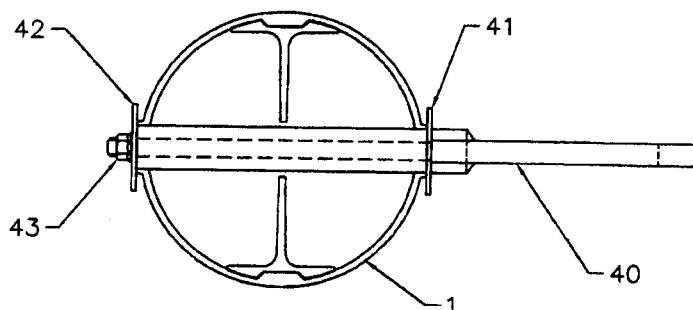
INSTALL TOW RING ASSEMBLY AS SHOWN BELOW (REFER TO DETAIL C OF IIN-D058-672 REV. C AND DETAIL C OF ICA-D058-672 REV. 1). AMEND SECTION 3.5 OF IIN-D058-672 REV. C AND SECTION 32.5 OF ICA-D058-672 REV. 1 ACCORDINGLY.

IS:

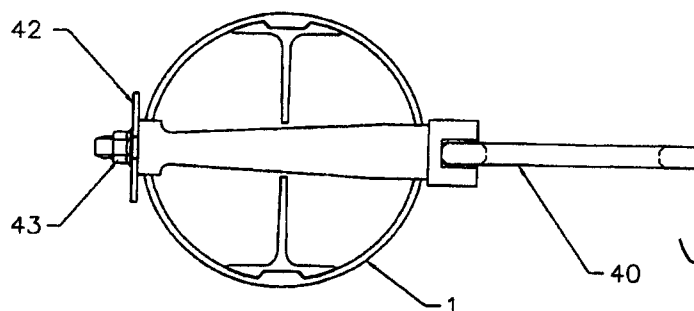


DETAIL C

WAS:



DETAIL C
(D2707-043 Tow Ring)



DETAIL C
(D2968-043 Tow Ring)

DESIGN	AJS	DART AEROSPACE USA, INC PORT HADLOCK, WA	
DRAWN	AJS		
CHECKED	Per	DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9422	SHEET 2 OF 2
APPROVED	JMS	TITLE	SCALE
DE APPR.		TOW RING CHANGE	NTS
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